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## CLAIMS

1. A test specimen having one or more chemical substances fixed to prescribed plural independent positions on a substrate, wherein the quantities of the chemical substances existing in the respective prescribed positions are totals of integer multiples of existence quantity units defined for the respective chemical substances.

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- The test specimen according to claim 1,
  wherein at least one kind of the fixed chemical substances is applied onto the substrate by an inkjet system.
  - 3. The test specimen according to claim 2, wherein all kinds of the fixed chemical substances are applied onto the substrate by an inkjet system.
  - 4. The test specimen according to claim 2, wherein the quantity of the chemical substance applied onto the prescribed positions by the inkjet system is controlled by a number of liquid droplets which contain the chemical substance and ejected by the inkjet system.
  - 5. The test specimen according to claim 4, wherein one liquid droplet has a volume of not more than 50 pL.
- 25 6. The test specimen according to claim 1, wherein the prescribed positions are arranged in a matrix, and are different in the existing ratios of

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the chemical substance.

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- 7. The test specimen according to claim 1, wherein the chemical substance is selected from the group consisting of metals, metal compounds, semiconductor materials, organic compounds of a number-average molecular weight of not more than 10,000, biological substances, metal ions, metal complexes, halogen ions, and substances having solubility of 1 ppb or more in water or an organic solvent at an ordinary temperature and pressure.
- 8. The test specimen according to claim 7, wherein the metal, the metal compound, or the semiconductor material is applied in a state of a fine particle of a diameter of not larger than 1  $\mu m$ .
- 9. The test specimen according to claim 1, wherein the test specimen is used as a standard sample for quantitative analysis.
  - 10. The test specimen according to claim 9, wherein the quantitative analysis is conducted by time-of-flight secondary ion mass spectrometry (TOF-SIMS).
    - 11. A screening method, wherein a test object is applied by inkjet system onto the chemical substance fixed to the prescribed positions on the test specimen set forth in claim 1, and a reaction is detected.
      - 12. The screening method according to claim 11,

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wherein the test object contains a biological substance or a medical substance.

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13. The screening method according to claim 11, wherein the reaction is detected by time-of-flight secondary ion mass spectrometry (TOF-SIMS).